

Clean Set of Claims

A 17. A method of message distribution between a source of a short message and a wireless network including an intended recipient of said short message, said method of message distribution comprising:

receiving said short message from said source of said short message utilizing an SMTP protocol communication channel;

placing said short message in at least one of a plurality of subscriber queues before delivery to said wireless network, said plurality of subscriber queues each corresponding to a different subscriber in said wireless network; and

communicating said short message to said wireless network utilizing a communication channel.

18. The method of message distribution according to claim 17, wherein:

said communication channel with said wireless network is an RMI protocol communication channel.

19. The method of message distribution according to claim 17, wherein:

said communication channel with said wireless network is an SMPP protocol communication channel.

20. The method of message distribution according to claim 17, wherein:

each of said plurality of subscriber queues operates in a first in-first out fashion.

21. The method of message distribution according to claim 17, further comprising:

placing a predetermined maximum number of short messages in each of said plurality of subscriber queues.

22. The method of message distribution according to claim 17, wherein:

said wireless network is a wireless intelligent network (WIN).

23. An apparatus for message distribution between a source of a short message and a wireless network including an intended recipient of said short message, said apparatus for message distribution comprising:

means for receiving said short message from said source of said short message utilizing an SMTP protocol communication channel;

means for placing said short message in at least one of a plurality of subscriber queues before delivery to said wireless network, said plurality of subscriber queues each corresponding to a different subscriber in said wireless network; and

means for communicating said short message to said wireless network utilizing a communication channel.

24. The apparatus for message distribution according to claim 23, wherein:

said communication channel with said wireless network is an RMI protocol communication channel.

25. The apparatus for message distribution according to claim 23, wherein:

said communication channel with said wireless network is an SMPP protocol communication channel.

26. The apparatus for message distribution according to claim 23, wherein:

each of said plurality of subscriber queues operates in a first in-first out fashion.

27. The apparatus for message distribution according to claim 23,
further comprising:

placing a predetermined maximum number of short messages in
each of said plurality of subscriber queues.

28. The apparatus for message distribution according to claim 23,
wherein:

said wireless network is a wireless intelligent network (WIN).
